

Please cancel non-elected claims 27-40 without prejudice or disclaimer.

Please amend claim 41 as follows.

B1
41. (Amended) A method for producing via recombinant methods a papillomavirus L1 major capsid protein or an antigenic fragment thereof, which upon expression is capable of ~~substantially~~ reproducing the antigenicity of intact papillomavirus virions, which comprises:

- (a) transforming a host cell which is capable of expressing a papillomavirus L1 protein or antigenic fragment in a conformation equivalent to the L1 proteins expressed on the surface of intact papillomavirus virions; [with an expression vector containing a DNA fragment encoding the L1 major capsid protein or an antigenic fragment thereof;] and
- (b) culturing said host cell under conditions suitable for expression of said L1 major capsid protein or antigenic fragment thereof and wherein the L1 protein or antigenic fragment is capable of substantially reproducing the antigenicity of intact papillomavirus virions.

Please add new claims 46-49 as follows: